



**Department of  
Environmental  
Conservation**

- **Federal Program with NOAA**
- **Partnership with NYS DEC**
- **Designated in 1982**
- **5,000 protected acres at 4 sites**



# **Hudson River National Estuarine Research Reserve**

# A Network of 29 Research Reserves

**MISSION:**  
To promote  
stewardship of the  
Nation's estuaries  
through science  
and education  
using a system of  
protected areas

## LIST OF RESERVES

### South Coast

1. San Francisco Estuary
2. San Juan del Norte, Mex.

### Northwest

3. Willapa Bay
4. Lewis and Clark River
5. Willapa Bay
6. Willapa Bay
7. Willapa Bay

### West Atlantic

8. Hudson River
9. Long Island Sound
10. Long Island Sound
11. Long Island Sound
12. Long Island Sound
13. Long Island Sound

### Southwest

14. San Juan del Norte
15. San Juan del Norte
16. San Juan del Norte
17. San Juan del Norte
18. San Juan del Norte
19. San Juan del Norte

### South Atlantic

20. San Juan del Norte
21. San Juan del Norte
22. San Juan del Norte
23. San Juan del Norte
24. San Juan del Norte
25. San Juan del Norte

### West

26. San Juan del Norte
27. San Juan del Norte
28. San Juan del Norte
29. San Juan del Norte
30. San Juan del Norte
31. San Juan del Norte

### North

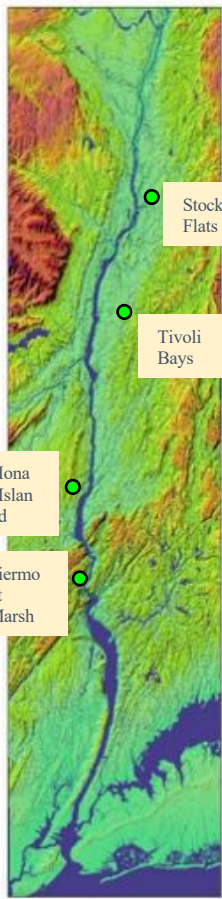
32. San Juan del Norte

### Southwest

33. San Juan del Norte



# Hudson River National Estuarine Research Reserve



Stockport  
Flats



Stockport Flats

Tivoli  
Bays



Tivoli Bays

Iona  
Island

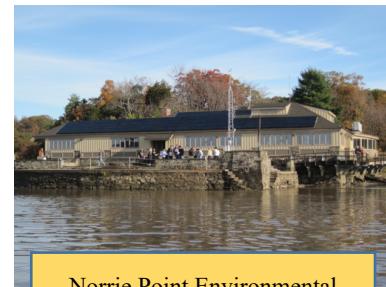


Iona Island

Piermont  
Marsh



Piermont  
Marsh



Norrie Point Environmental  
Center  
HRNERR Headquarters

# Programs in the Reserve

- Research and Monitoring
- Education and Outreach
- Stewardship and Restoration
- Estuary Training

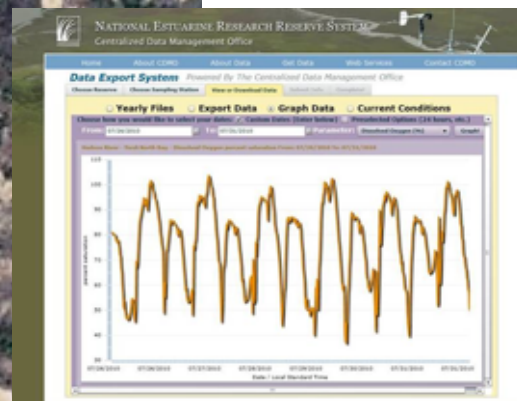
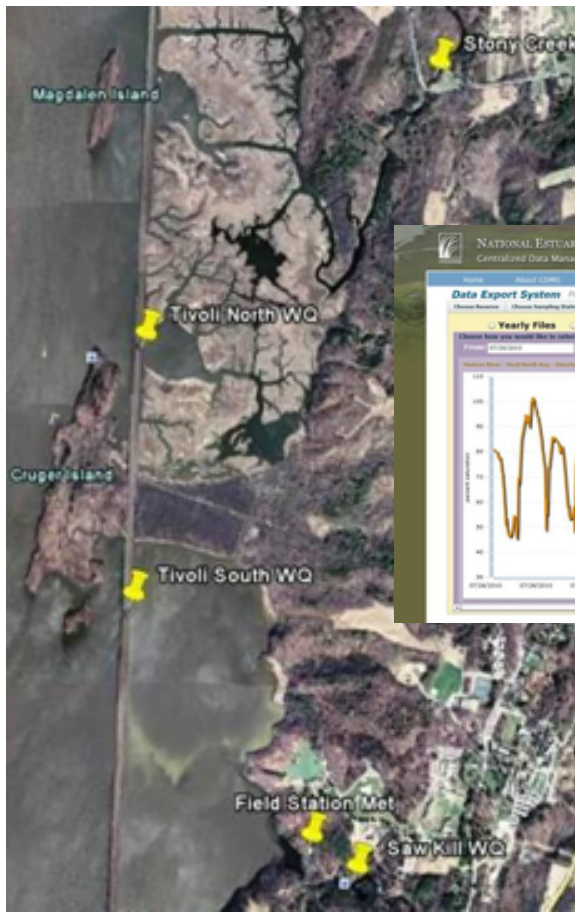




# Research

## Continuous Monitoring

- Site Wide Water Quality Monitoring (SWMP)
- Abiotic monitoring of Tributaries
- Surface Elevation measurements (SETs)
- Weather conditions
- Citizen Science Submerged Aquatic Vegetation (SAV) monitoring



**Sarah Fernald**  
Research Coordinator



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# Education

## Continuous Education

- Citizen Science-Eel surveys
- Public canoe programs
- Teachers on the Estuary
- Day in the Life of the Hudson and Harbor
- School Group Programs



**Chris Bowser**  
Education Coordinator

## Continuous Training

- Sustainable Shorelines Webinar Series
- Provide training and technical assistance to decision-makers
- Facilitate Science Collaborative projects
- Coordinate with program staff to determine Research Priorities
- Participate in working groups on Nature and Nature based techniques and Community Risk and Resilience Act (CRRA)  
<https://www.dec.ny.gov/energy/102559.html>

**Emilie Hauser**  
**Estuary Training Coordinator**

## Estuary Training Program



HUDSON RIVER  
**SUSTAINABLE  
 SHORELINES**



# Thank You

Hudson River National  
Estuarine Research  
Reserve  
256 Norrie Point Way  
Staatsburg, NY 12580



DEC Website

<https://www.dec.ny.gov/lands/4915.html>

Hudson River National Research Reserve Website

<https://www.hrnerr.org/>



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